



IAP4 Rec'd PCT/PTO 15 DEC 2005
[Signature]

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Norio HASEGAWA et al

Serial No.: 10/532338

Filed: April 22, 2005

For: TRANSMITTER

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached excluding U.S. patents and publications.

The documents listed on the attached Form PTO-1449 were cited in the International Search Report. A copy of the ISR is attached.

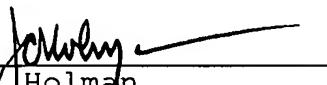
Documents AG and AH are discussed in the instant specification.

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application.

Respectfully submitted,

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Date: December 15, 2005



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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P70456US0
 SERIAL NO.: 10/532338
 APPLICANT(S): HASEGAWA et al

GROUP ART UNIT: _____
 FILING DATE: April 22, 2005
 TODAY'S DATE: December 15, 2005

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	SUB- CLASS	FILING DATE (If Appropriate)
AA	_____	_____	_____	_____	_____
AB	_____	_____	_____	_____	_____
AC	_____	_____	_____	_____	_____
AD	_____	_____	_____	_____	_____

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	SUB- CLASS	TRANSLATION (YES) (NO)
AE 11-313042	11/09/99	Japan	_____	XX
AF 2001-251148	09/14/01	Japan	_____	XX
AG 2002-044054	02/08/02	Japan	_____	XX
AH 2002-305489	10/18/02	Japan	_____	XX

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AI	_____
AJ	_____
AK	_____

EXAMINER _____ DATE CONSIDERED _____

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)